Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 11 Dec 2023 until 23:59 on Tuesday 12 Dec 2023

Forecast Issued on Monday 11 Dec 2023 at 03:26

Confidence: High for occasionally unsettled, lowering confidence in the detail of worst of the weather.

Headline for Monday 11 Dec 2023: Brighter spells and occasional showers by day with easing winds.

Mountain weather hazards on Monday 11 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG		FOG		
Fog	Fog	Cloudy	Fog	Cloudy	Cloudy
Precipitation probability					
30%	30%	40%	20%	10%	20%

Forecast for Monday 11 Dec 2023

Weather: Occasional showers mixed with some brighter spells by day with outbreaks most frequent around mid-day. Cloudy through much of the day, building further into the evening with a band of occasionally heavy rain possibly reaching from the west late evening.

Chance of cloud-free hill tops above 600m: 50% through morning, becoming 80% late afternoon.

Low cloud and visibility: Generally good, becoming moderate or poor in showers, very poor within cloud with extensive bases down to 600m through the day, particularly as showers push through.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Monday 11 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/23 W	15/19 W	14/18 W	13/18 W	9/12 SW	8/10 S	16/22 SE
300	12/15 W	11/15 W	12/17 W	10/16 W	6/9 SW	6/9 SE	12/21 SE
Valley	6/15 W	5/13 W	7/14 W	7/14 W	3/9 S	5/9 E	8/18 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-1	4/-0	4/0	4/0	4/0	3/0	5/0
300	6/2	6/3	7/3	6/3	6/4	5/3	6/3
Valley	6/4	7/5	7/5	7/5	6/5	5/3	6/3
Freezing Level*	1400m	1300m	1300m	1200m	1100m	1100m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Severe wind chill confined to higher peaks.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 11 Dec 2023	15.8mm	49.4mm	56.6mm

Forecast for Tuesday 12 Dec 2023
Weather: Mainly cloudy with showers or longer periods of rain, turning heavy at times.

Maximum wind: Southeast 15-20mph at dawn, easing slowly through the day

Chance of cloud-free hill tops above 600m: 40%

Low cloud and visibility: Becoming moderate or poor in rain, very poor in snow and within cloud with bases quite frequently down to 600m.

Temperature: **Valleys:** Zero Celsius increasing 8 Celsius for the afternoon
At 600m: Plus 3 Celsius
Freezing level: Above summits

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.